

Figure 11A.--Assessment data form.

Play: Beaufort Sea

	Attribute			Probability of favorable	Comments			
Play Attrib.	Microbial hydrocarbon source (S1)	0.5	0.5	1.0				
	Microbial source sediment thickness (S2)	1.0						
	Thermogenic hydrocarbon source (S4)	1.0						
	Timing (T)			1.0				
	Migration (M)0.8							
	Potential reservoir facies (R)			1.0				
	Marginal play probability (GS*T*M*R=MP)			0.8				
	Prosp. Attrib.	Trapping mechanism (TM)			0.8			
		Effective porosity (>3%) (P)			1.0			
Hydrocarbon accumulation (C)			0.8					
Conditional deposit probability (TM*P*C=CP)			0.64					
Gas Vol. Param.	Attribute	Probability of equal to or greater than						
		100	95	75	50	25	5	0
	Volume of hydrate stability zone (x 10 ¹² m ³)	100.8	107.1	119.7	126.0	132.3	144.9	151.2
	Reservoir thickness in nonmarine systems (m)	-	-	-	-	-	-	-
	Effective porosity (%)	30	32.8	43.8	57.5	68.8	77.8	80
	Hydrate saturation (%)	2	3.2	8	14	20.5	25.7	27
	Hydrate gas yield (m ³ /m ³)	139	140.3	145.3	151.5	157.8	162.8	164